Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| Application Data Sheet 37 CFR 1.7 | | | 1.76 | Attorney Docket Number | | | CN (| 040011 | | | |
|--|--|--|--|---|---|--|---|--|------------------|---|-------------------|
| | | | | Application Number | | | | | | | |
| Title of | itle of Invention CONVOLUTIONAL ENCODER AND THE ENCOING METHOD THEREOF | | | | | | | | | | |
| The appl | ligation data she | act is part a | fthan | rovinion | al ar nani | provisional | annlication | for which it is | hoina o | uhmittad. The following form centai | no the |
| bibliogra | phic data arran | ged in a for | mat sp | ecified b | y the Un | ited States | Patent and | Trademark C | Office as | ubmitted. The following form contai outlined in 37 CFR 1.76. | |
| | cument may be nt may be printe | | | | | | ne Office in | electronic fo | rmat us | ing the Electronic Filing System (E | FS) or the |
| | | | | | • | | | | | | |
| | cy Orde | | | | | | | | | | |
| 1 1 | | • • | | | | • | • | | - | fall under a Secrecy Order p / not be filed electronically.) | ursuant to |
| 37 | OF IX 3.2 (F | aper mer | 5 0111 | y. A pp | lications | S triat iaii | under St | eciecy Oiu | ermay | Thou be filled electroffically. | |
| Applic | cant Info | rmatio | on: | | | | | | | | |
| Applic | ant 1 | | | | | | | | | Remove | |
| Applic | ant Authori | ty (Inve | ntor | ()Le | egal Rep | resentativ | /e under 3 | 35 U.S.C. 11 | 7 | Party of Interest under 35 U | .S.C. 118 |
| Prefix | | | | | М | iddle Na | me | | Fam | Suffix | |
| | Gang | | | | | | | | WU | • | |
| Resid | ence Inform | nation (S | elect | One) | O US | Residenc | ;y • | Non US Re | sidenc | Active US Military Serv | ice |
| City | Shanghai | | | | $\overline{}$ | | sidence | | | , | |
| | ship under | 37 CFR | 1 41(| b) i | CN | | | | | | |
| | g Address o | | | , | | | | | | | |
| ` | | | | fice Buil | Idina | | | | | | |
| Addita | Address 1 21/F Office Building | | | | | | | | | | |
| Address 2 218 Tian Mu Xi Road | | | | | | | | | | | |
| | | | 8 Tiai | n Mu Xi | Road | | | 4-4-(D | | | |
| City | Shangh | nai PRC | | | Road | | | tate/Provii | nce | | |
| | Shangh | nai PRC | 8 Tiai | | Road | | S | | nce | | |
| City | Shangh Code | nai PRC | | | Road | | | | nce | Remove | |
| City Postal Applic | Shangh Code | nai PRC | 0070 | | | presentativ | Countr | | | Remove Party of Interest under 35 U | .S.C. 118 |
| City Postal Applic Applic | Shangh Code ant 2 | nai PRC 20 | 0070 | | egal Rep | oresentativ | Countr | yi CN | 7 | | .S.C. 118 Suffix |
| City Postal Applic Applic | Shangh Code ant 2 ant Authori | nai PRC 20 | 0070 | | egal Rep | | Countr | yi CN | 7 | Party of Interest under 35 U | |
| City Postal Applic Applic Prefix | Shangh Code ant 2 ant Authori Given Nan | nai PRC 20 | entor | OLe | egal Rep | | Countr /e under 3 | yi CN | 7 Fam | Party of Interest under 35 U | Suffix |
| City Postal Applic Applic Prefix | Shangh Code ant 2 ant Authori Given Nan Yueheng | nai PRC 20 | entor | OLe | egal Rep M | iddle Na | Countr /e under 3 | yi CN 35 U.S.C. 11 Non US Re | 7 Fam | Party of Interest under 35 U | Suffix |
| City Postal Applic Applic Prefix Reside City | Shangh Code ant 2 ant Authori Given Nan Yueheng ence Inform | ty Inve | entor | One) | egal Rep M | iddle Na | Countr //e under 3 me | yi CN 35 U.S.C. 11 Non US Re | 7 Fam | Party of Interest under 35 U | Suffix |
| City Postal Applic Applic Prefix Reside City Citizen | Shangh Code ant 2 ant Authori Given Nan Yueheng ence Inform Shanghai | ty • Invene | entor | One) | egal Rep M US | iddle Na | Countr //e under 3 me | yi CN 35 U.S.C. 11 Non US Re | 7 Fam | Party of Interest under 35 U | Suffix |
| City Postal Applic Applic Prefix Reside City Citizen | Shangh Code ant 2 ant Authori Given Nan Yueheng ence Inform Shanghai nship under | ty Invene | entor elect 1.41(ant: | One) | egal Rep M US Count | iddle Na | Countr //e under 3 me | yi CN 35 U.S.C. 11 Non US Re | 7 Fam | Party of Interest under 35 U | Suffix |
| City Postal Applic Applic Prefix Reside City Citizen Mailing | Shangh Code ant 2 ant Authori Given Nan Yueheng ence Inform Shanghai nship under g Address o | ty Inverse ne ation (See a 21 | elect 1.41(ant: | One) | egal Rep M US Count CN | iddle Na | Countr //e under 3 me | yi CN 35 U.S.C. 11 Non US Re | 7 Fam | Party of Interest under 35 U | Suffix |
| City Postal Applic Applic Prefix Reside City Citizen Mailing | Shangh Code ant 2 ant Authori Given Nan Yueheng ence Inform Shanghai nship under g Address of ss 1 ss 2 | ty Inverse ne ation (See a 21 | elect 1.41(ant: | One) b) i | egal Rep M US Count CN | iddle Na | Countr /e under 3 me | yi CN 35 U.S.C. 11 Non US Re | 7 Fam | Party of Interest under 35 U | Suffix |
| Postal Applic Applic Prefix Reside City Citizen Mailing Addres | Shangh Code ant 2 ant Authori Given Nan Yueheng ence Inform Shanghai nship under g Address of ss 1 ss 2 Shangh | ty Invene nation (So 37 CFR of Applica 21 21 | elect 1.41(ant: | One) b) i fice Buil | egal Rep M US Count CN | iddle Na | Countr /e under 3 me | yi CN 35 U.S.C. 11 Non US Re i CN | 7 Fam | Party of Interest under 35 U | Suffix |
| City Postal Applic Applic Prefix Reside City Citizen Mailing Addres Addres City Postal All Inv | Shangh Code ant 2 ant Authori Given Nan Yueheng ence Inform Shanghai nship under g Address of ss 1 ss 2 Shangh | ty Invene nation (So 37 CFR of Applica 21 nai PRC 20 t Be List | elect 1.41(ant: /F Off 8 Tian | One) (b) i fice Buil n Mu Xi | egal Rep M US Count CN Iding Road | Residence try Of Re | Countr /e under 3 me Esidence | yi CN S5 U.S.C. 11 Non US Re i CN tate/Provin | 7 Fam | Party of Interest under 35 U ily Name Active US Military Serv | Suffix |
| City Postal Applic Applic Prefix Reside City Citizen Mailing Addres City Postal All Invegenera | Shangh Code ant 2 ant Authori Given Nan Yueheng ence Inform Shanghai nship under g Address of ss 1 ss 2 Shangh Code entors Must | ty Invented in the last part of the last | entor elect 1.41(ant: /F Off 8 Tian | One) b) i fice Built n Mu Xi Additi | egal Rep M US Count CN Iding Road | Residence try Of Re | Countr /e under 3 me Esidence | yi CN S5 U.S.C. 11 Non US Re i CN tate/Provin | 7 Fam | Party of Interest under 35 U ily Name Active US Military Serv | Suffix |
| City Postal Applic Applic Prefix Reside City Citizen Mailing Addres City Postal All Inv genera Corre | Shangh Code ant 2 ant Authori Given Nan Yueheng ence Inform Shanghai nship under g Address of ss 1 ss 2 Shangh Code entors Must ited within th | ty Invented in the Indian PRC 20 37 CFR 21 21 21 21 21 21 The PRC 20 The Be List is form by the Inference Inference Inference Numer N | elect 1.41(ant: /F Off 00070 ted - y select onber | One) fice Built n Mu Xi Additi ecting t natio or cor | egal Rep M US Count CN Iding Road ional Ir the Add | Residence try Of Residence nventor I | Countr /e under 3 me Ey esidence S Countr | Non US Re i CN tate/Provingi CN on blocks | 7 Fam LI sidency | Party of Interest under 35 U ily Name Active US Military Serv | Suffix |

| Under the P | aperwork R | Reduction Act of 1995, no pe | rsons are | required to resp | oond to a collection | n of information i | iniess it cont | ains a vai | ila OiviB co | ontroi number |
|--|----------------------|--|--------------------|-----------------------------|-------------------------------|------------------------------|-----------------------|--------------------------|--------------|--------------------|
| Application Da | et 37 CFR 1 76 | Attorney Docket Number | | CN 040011 | | | | | | |
| / ppiloudion bu | | Application Number | | | | | | | | |
| Title of Invention | CONV | OLUTIONAL ENCOD | ER AND | THE ENC | DING METHO | D THEREOF | | | | |
| Customer Number | r | 24737 | | | | | | | | |
| Email Address | | jeanne.rusciano@pl | hilips.co | om | | | Add Emai | | Remov | e Email |
| Application In | forma | ation: | | | | | | | | |
| Title of the Inventi | ion | CONVOLUTIONAL | ENCO | DER AND T | HE ENCOING | METHOD T | HEREOF | | | |
| Attorney Docket N | lumber | CN 040011 | | | Small Enti | ty Status C | laimed | | | |
| Application Type | | Nonprovisional | | | | | | | | |
| Subject Matter | | Utility | | | | | | | | |
| Suggested Class | (if any) | | | | Sub Class | (if any) | | | | |
| Suggested Techno | ology C | enter (if any) | | | | | | | | |
| Total Number of D | rawing | Sheets (if any) | | | Suggeste | d Figure for | Publica | tion (i | f any) | |
| Publication Inform | nation: | | | | | | | | | |
| Request Early | Publica | tion (Fee required a | t time | of Request | 37 CFR 1.2 | 19) | | | | |
| and certify that | at the inv | h. I hereby request vention disclosed in other country, or und | the att | tached appl | ication has r | not been and | will not | be the | subject | t of an |
| this information in the Enter either Cus | mation s Applicat | ormation: should be provided for the following the follow | not con: lete t | stitute a pow the Repres | er of attorney sentative N | in the applica ame sectio | ation (see n below | 37 CFF | | Providing sections |
| Please Select One: | : (| Customer Number | er (| US Pate | nt Practitione | r O US | Represe | ntative | (37 CFR | 11.9) |
| Customer Number | | 24737 | | | | | | | | |
| Domestic Priority Information: This section allows for the applicant to claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c). Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a) (4), and need not otherwise be made part of the specification. | | | | | | | | | | |
| Prior Application | | , | | | | | Γ | Remove | = | |
| Application Number Continuity | | | v Tvpe Pr | | ior Application | r Application Number Fi | | Filing Date (YYYY-MM-DD) | | MM-DD) |
| ., | | non provisional of | | | • • | | | | | |
| Additional Domesti the Add button. | c Priorit | ty Data may be ger | nerated | d within thi | s form by se | electing | | Add | | |
| Foreign Priori | ty Inf | ormation: | | | | | | | | |

Yes

Add

○ No

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

2004-03-25

| Application Data Sheet 37 CFR 1.76 | | | Attorney Docket Number | | CN 040011 | | | | |
|---|--|--|------------------------|-----------------|------------------|------------------|--|--|--|
| | | | Application | Number | | | | | |
| Title of Invention | CONVOLUTIONAL ENCODER AND THE ENCOING METHOD THEREOF | | | | | | | | |
| | | | | | | | | | |
| This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a). | | | | | | | | | |
| Remove | | | | | | | | | |
| Application Number Country | | | y i | Parent Filing D | ate (YYYY-MM-DD) | Priority Claimed | | | |
| | | | | | | | | | |

Assignee Information:

CN

Additional Foreign Priority Data may be generated within this form by selecting the

200410031344.5

Add button.

| • | in the application data sheet doe ignment recorded in the Office. | s not substitute for compliance w | ith any requirement of part 3 of Title 37 | | | | | |
|--------------------------------|--|-----------------------------------|---|--|--|--|--|--|
| Assignee 1 | | | Remove | | | | | |
| If the Assignee is an Or | ganization check here. | 7 | | | | | | |
| Organization Name | KONINKLIJKE PHILIPS ELEC | TRONICS, N.V. | | | | | | |
| Mailing Address Inform | mation: | | | | | | | |
| Address 1 | GROENEWOUDSEWEG 1 | GROENEWOUDSEWEG 1 | | | | | | |
| Address 2 | | | | | | | | |
| City | EINDHOVEN | State/Province | | | | | | |
| Country NL | | Postal Code | 5621 BA | | | | | |
| Phone Number | | Fax Number | | | | | | |
| Email Address | | <u> </u> | | | | | | |
| Additional Assignee Da button. | ta may be generated within | this form by selecting the Ad | d Add | | | | | |

Signature:

| A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature. | | | | | | | | |
|--|---------------------|-----------|-------------------|---------------------|--------|--|--|--|
| Signature | /Michael E. Marion/ | | Date (YYYY-MM-DD) | 2006-09-06 | | | | |
| First Name | Michael E. | Last Name | Marion | Registration Number | 32,266 | | | |

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
- 2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.